

**Information for Potomac Electric Power Company
PEPCO Zone
Capacity and Transmission
Peak Load Calculations for Year 2020**

This report provides information related to the Capacity and Transmission PLC calculations for DC and MD based on summer 2019 peak data.

2019 PEPCO Zone Capacity Peak Hours

	1	2	3	4	5
Day of Peak	7/19/2019	7/17/2019	7/10/2019	8/19/2019	7/29/2019
Hour of Peak	18	17	18	17	17

2019 Weather-normalized Coincident Peak for – PEPCO zone (MW)*: 5,890.0

2019 PJM Allocated Weather-normalized Coincident Peak for PEPCO (MW): 5,156.6

2019 PEPCO Zone Transmission Peak Hours

	1	2	3	4	5
Day of Peak	7/19/2019	7/17/2019	7/21/2019	7/20/2019	8/19/2019
Hour of Peak	18	17	18	18	17

2019 Pepco Zone Transmission Peak Load (MW)* on 7/19/2019 @ HE 18: 6,190.7

2019 PEPCO Transmission Peak Load (MW) on 7/19/2019 @ HE 18: 5430.7

*includes FMEDC load

Reconciliation Factors

Capacity PLC	1.010627
Transmission PLC	1.029699

UFE Factors for 2020 Capacity PLC

Peak Date Hour	7/19/2019 18	7/17/2019 17	7/10/2019 18	8/19/2019 18	7/29/2019 17
	0.979515	0.972270	0.963073	0.968960	0.960574

UFE Factors for 2020 Transmission PLC

Peak Date Hour	7/19/2019 18	7/17/2019 17	7/21/2019 18	7/20/2019 18	8/19/2019 17
	0.979515	0.972270	0.981494	0.974514	0.968960

Alpha Factors for 2020 Capacity PLC

Peak Date and Hour	7/19/2019 18	7/17/2019 17	7/10/2019 18	8/19/2019 17	7/29/2019 17
Jurisdiction					
DC	-3.29646	-3.15974	-2.73043	-2.90294	-2.78047
MD	-3.13366	-2.85371	-2.57541	-2.77597	-2.64874

Alpha Factors for 2020 Transmission PLC

Peak Date and Hour	7/19/2019	7/17/2019	7/21/2019	7/20/2019	8/19/2019
Jurisdiction	18	17	18	18	17
DC	-3.29646	-3.15974	-3.67289	-3.69816	-2.90294
MD	-3.13366	-2.85371	-3.44279	-3.37523	-2.77597

Default Peak Load Contributions - DC

Profile	Loss Factors (Demand)	2020 Default Capacity PLC (effective 6/1/2020)	2020 Default Transmission PLC (effective 1/1/2020)
DCGS	1.09630	23.4	24.0
DCGT	1.09630	360.5	350.7
DCMMA	1.09630	59.0	65.3
DCND	1.09630	2.5	2.5
DRTM	1.09630	10.3	11.2
RDNS	1.09630	2	2.3
RDSH	1.09630	1.4	1.6
SL	1.09890	0.0	0.0
TN	1.09890	249.2	255.6
TS	1.09890	427.1	438.1

Default Peak Load Contributions - MD

Profile	Loss Factors (Demand)	2020 Default Capacity PLC (effective 6/1/2020)	2020 Default Transmission PLC (effective 1/1/2020)
MDGT	1.09630	1403.6	1440.1
MDMGT	1.09630	48.9	50.0
MDND	1.09630	2.4	2.4
MRTMSH	1.09630	4.5	5.0
MRTMNS	1.09630	4.5	5.0
RMNS	1.09630	2.7	3.0
RMSH	1.09630	2.1	2.4
SL	1.09890	0.0	0.0
TN	1.09890	249.2	255.6